



EnviroMapper for Water

*Use of the architecture is reducing costs while enhancing
information use and dissemination*

What is it?

EnviroMapper for Water is a Web-based mapping interface to Environmental Protection Agency (EPA) geospatial data including the National Hydrography Dataset (NHD) and water program information. It enables you to view and map data, such as the uses assigned to local waters by your state (for example, fishing or swimming), waters that are impaired and do not support their assigned uses, and the reasons why waters are impaired (in other words, the causes and sources of pollution in impaired waters). For more information on EnviroMapper for Water visit:

www.epa.gov/waters/enviromapper/

What does it do?

EnviroMapper for Water provides a map-based environment for the display and analysis of EPA's Reach Address Database (RAD). EnviroMapper can dynamically display program data such as Assessed Waters, Impaired Waters, and No Discharge Zones.

EnviroMapper for Water includes a complete set of geographic tools such as pan, zoom, and zoom to an area based on placename. EnviroMapper's Identify feature automatically displays information for *all* EPA program data that exist at a given point, facilitating multi-program overlap analysis

New EnviroMapper for Water, Version 3.0

Available Spring 2004

- Includes new Water Program feature layers:
 - ◆ National Estuary Programs
 - ◆ Nonpoint Source Projects
 - ◆ Source Water Areas (Intranet)
 - ◆ Special Appropriations Act Projects (Intranet)
 - ◆ Water Quality Stations from Modernized STORET
 - ◆ Drinking Water Wells (Intranet)
 - ◆ Clean Watersheds Needs Survey
- Program layer summary features are now available at **all** zoom levels
- Individual Water Program features are now visible at **larger** areas
- New **Zoom to View** rapidly zooms to maximum extent of specified viewing level (local, state, regional, national).
- Enhanced **Show Location** tool now displays watershed, ecoregion, state, county, and the latitude/longitude of the selected location.
- Ability to **Zoom In** on specified water program data from an external application or web page. Permits external web pages to dynamically link to EnviroMapper and display event-specific maps.

www.epa.gov/waters

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WATERS

<http://www.epa.gov/waters>

combines water quality information that describes the water bodies of the United States

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EnviroMapper for Water is an Internet tool that displays these water bodies and associated water quality information (items 2-5). It enables users, from concerned citizens to environmental scientists, to view environmental data and make informed decisions.

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Designated Use Information

Entity ID: M07225
Reach Code: 0711009000090
State: MO
Waterbody Name: AGRICAN LAKE
Waterbody Type: Lake/Pond

Click on one of the State Designated Use links below to select associated numeric water criteria

State General DU Name	State General DU Description	Criteria Code	Criteria Value	Unit
Drinking Water Supply	Waterbodies of a raw water supply which will yield potable water after treatment by public water treatment facilities	AUTO 31, 2001	AUTO 31	2001
Public Health Protection, Public Consumption and Secondary Contact (Swimming)	Criteria to protect the use are based on the assumption of an average amount of fish consumed on a long-term basis. Public consumption of fish from these waterbodies will not be a public health hazard.	AUTO 31, 2001	AUTO 31	2001
Swimming and Wildlife Protection	Waterbodies in which swimming and wildlife protection are required.	AUTO 31, 2001	AUTO 31	2001

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Missouri State Water Criteria

Click on the State General Designated Use Code link below to select associated waterbody information

State General DU Code	State General DU Description	Pollutant	Acute Chronic Flag	Condition 1	Condition 2	Condition 3	Condition 4	Condition 5	Condition 6	Criteria Value	Unit
DWS	Drinking Water Supply	1,1,1-Trichloroethane								300	µg/L
DWS	Drinking Water Supply	1,1,2,2-Tetrachloroethane								17	µg/L
DWS	Drinking Water Supply	1,1,2-Trichloroethane								5	µg/L
DWS	Drinking Water Supply	1,1,2-Trichloroethane								7	µg/L
DWS	Drinking Water Supply	1,1,2-Trichloroethane								70	µg/L

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305(b) Lists/Assessment Unit Information

Click [here](#) to see instructions for this report.

Cycle: 2000
Assessment Unit ID: MO_0045_R_00
EPA Water Type: STREAM/REEF/RIVER Water Size: 8 MILES
Click [here](#) for a Map: [MAP 305\(b\)](#)

Water Quality Attainments

Designated Use Category	State Designated Use	Attainment Status	Threshold	Size of Water (in MILES) where Use is:			
				Fully Supported	Partially Supported	Not Supported	Not Assessed
Fish, Shellfish, and Wildlife Protection and Propagation	AQUATIC LIFE SUPPORT	FULLY SUPPORTING	No	0	0	0	0
Public Water Supply	DRINKING WATER SUPPLY	NOT SUPPORTING	No	0	0	0	100
Fish, Shellfish, and Wildlife Protection and Propagation	FISH CONSUMPTION	FULLY SUPPORTING	No	0	0	0	0
Primary Contact Recreation	SWIMMABLE	NOT ASSESSED	No	0	0	0	0

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Listed Water Information

CYCLE: 1998

Click [here](#) to see instructions for this report.

Entity ID: M07225
Reach Code: 0711009000090
State: MO
Waterbody Name: AGRICAN LAKE
Listed Water Map Link: [MAP 305\(b\)](#)

State Impairments:

State Impairment	Priority Rank	Targeted Flag	Anticipated TMDL
ORGANIC CHLORIDES/PCB/CO	LOW	N	DEC-2-2001
SUSPENDED SOLIDS	LOW	N	DEC-2-2001

Potential Sources of Impairment:

Potential Impairment Sources

Total Maximum Daily Load (TMDL) Information:

Click on the embedded TMDL Document Name for a detailed TMDL Document Report.

TMDL Document Name	State	Anticipated TMDL Establishment Date	TMDL Pollutant Description	TMDL Pollutant Type	State Impairment	Impairment Cycle
CLEVELAND TMDL	APPROXIMATE/ESTABLISHED	DEC-2-2001	COB	Not Reported	COB	1998
CLEVELAND TMDL	APPROXIMATE/ESTABLISHED	DEC-2-2001	COB	Not Reported	COB	1998

The Water Quality Standards Database contains information on the **designated uses** for water bodies, such as drinking water, swimming, and fishing. As part of a State's water quality standards, designated uses provide a regulatory goal for the water body and define the level of protection assigned to it.

The Water Quality Standards Database also contains the scientific **criteria** to support these designated uses.

The National Assessment Database contains information on the attainment of water quality standards. Assessed waters are classified as **Fully Supporting, Not Assessed or Not Supporting their designated uses**.

The Total Maximum Daily Load (TMDL) Tracking System contains information on waters that are **Not Supporting their designated uses**. TMDLs are pollution budgets used to restore the health of these impaired waters.



The graphic above is for illustrative purposes only. The database reports shown do not necessarily describe actual water bodies displayed on the map.

The water bodies identified through WATERS are those found on topographic maps as represented in the EPA/USGS produced National Hydrography Dataset (<http://nhd.usgs.gov>).